

FORM PTO-1390 MODIFIED	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY'S DOCKET NUMBER <b>4662-138</b>
<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371</b>		U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5)  <b>10/565,505</b>
INTERNATIONAL APPLICATION NO. <b>PCT/NL2004/000522</b>	INTERNATIONAL FILING DATE <b>21 July 2004</b>	PRIORITY DATE CLAIMED <b>23 July 2003</b>

TITLE OF INVENTION  
**DISSOLUTION INHIBITORS IN PHOTORESIST COMPOSITIONS FOR MICROLITHOGRAPHY**

APPLICANT(S) FOR DO/EO/US  
**SHAHAB et al**

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☐ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
  2. ☒ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
  3. ☐ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
  4. ☐ The U.S. has been elected (Article 31).
  5. A copy of the International Application as filed (35 U.S.C. 371(c)(2)).
    - a. ☐ WO 2005/008336 is attached hereto ( pages specification, claims & abstract ( claims), 1 sheets drawings).
    - b. ☐ has been communicated by the International Bureau.
    - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
  6. ☐ An English language translation of the International Application as filed (35 U.S.C. 371(c)(3))
    - a. ☐ is attached hereto ( pages specification, claims & abstract ( claims), sheets drawings, page Certificate of Translation).
    - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
  7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
    - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
    - b. ☐ have been communicated by the International Bureau.
    - c. ☐ have not been made; however, the time limit for making such amendments has **NOT** expired.
    - d. ☐ have not been made and will not be made.
  8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
  9. a. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
    - b. ☐ Declaration was submitted to the International Bureau during International Phase (see copies of Declaration ( page Form PCT/RO/101 and Form PCT/IB/371 and first page of printed publication acknowledging receipt thereof attached).
  10. ☐ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).
- Items 11 To 20 below concern document(s) or information included:**
11. ☐ An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98.
  12. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included.
  13. a. ☐ A FIRST preliminary amendment.
  - b. ☐ A SECOND or SUBSEQUENT preliminary amendment.
  14. ☐ An Application Data Sheet under 37 C.F.R. § 1.76.
  15. ☐ A substitute specification.
  16. ☐ A change of power of attorney and/or address letter.
  17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825.
  18. ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4).
  19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
  20. ☐ Other items or information. MISSING PARTS TRANSMITTAL COVER; AND COPY OF NOTIFICATION OF MISSING REQUIREMENTS

U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5) <b>10/565,505</b>		INTERNATIONAL APPLICATION NO. <b>PCT/NL2004/000522</b>		ATTORNEY'S DOCKET NUMBER <b>4662-138</b>	
<input checked="" type="checkbox"/> The following fees are submitted:					
<b>BASIC NATIONAL FEE (37 C.F.R. 1.492(a)(1)-(5):</b>					
21. <input type="checkbox"/>	Basic national fee .....			\$300.00 (1631)/\$150.00 (2631)	\$
22. <input type="checkbox"/>	Examination Fee.....			\$0 (1643/2643)	\$
J	.....			\$200.00 (1633)/\$100.00 (2633)	
23. <input type="checkbox"/>	Search Fee .....			\$0 (1640/2640)	
	.....			\$100 (1641)/\$50 (2641)	
	.....			\$400 (1642)/\$200 (2642)	
	.....			\$500.00 (1632)/\$250.00 (2632)	\$
<b>TOTAL OF ABOVE CALCULATIONS</b>					\$ 0.00
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)		RATE	
0 -100	0 /50 =	0.00		\$0.00 (1681)	
				\$0.00 (2681)	
Surcharge of <b>\$130.00 (1617)/\$65.00 (2617)</b> for furnishing the oath or declaration later than <input checked="" type="checkbox"/> 30 months from the earliest claimed priority date (37 C.F.R. 1.492(e)).					
CLAIMS		NUMBER FILED	# EXTRA	RATE	
Total Claims	16	minus 20 =	0 X	\$50.00 (1615)/	\$25.00 (2615)
Independent Claims	4	minus 3 =	1 X	\$200.00 (1614)	\$100.00 (2614)
MULTIPLE DEPENDENT CLAIMS(S) (if applicable)				\$360.00 (1616)/\$180.00 (2616)	
Petition is hereby made to extend the current due date so as to cover the filing date of this paper and attachment(s): One Month Extension \$120.00 (1251)/\$60.00 (2251); Two Month Extensions \$450.00 (1252)/\$225.00 (2252); Three Month Extensions \$1020.00 (1253)/\$510.00 (2253); Four Month Extensions \$1590.00 (1254)/\$795.00 (2254)					\$ 0.00
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.					
Processing fee of <b>\$130.00 (1618)</b> , for furnishing the English Translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 C.F.R. 1.492(f)).					0.00
<b>TOTAL NATIONAL FEE =</b>					\$ 0.00
Fee for recording the enclosed assignment (37 C.F.R. 1.21(h). The assignment must be accompanied by an appropriate cover sheet (37 C.F.R. 3.28, 3.31). <b>\$40.00 (8021)</b> per property					\$ 40.00
Fee for Petition to Revive Unintentionally Abandoned Application; <b>\$1500.00 (1453) / \$750.00 (2453)</b>					\$ 0.00
<b>TOTAL FEES ENCLOSED =</b>					\$ 40.00
					Amount to be refunded:
					\$
					Amount to be Charged:
					\$

a. ☒ A check in the amount of \$40.00 to cover the above fees is enclosed.  
 b. ☐ Please charge my Deposit Account No. 14-1140 in the amount of \$\_\_\_\_\_ to cover the above fees.

A duplicate copy of this form is enclosed.

c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 14-1140. A duplicate copy of this form is enclosed.

d. ☐ **CREDIT CARD PAYMENT FORM ATTACHED.**

e. ☐ The entire content of International Application No. **PCT/NL2004/000522** and any U.S. and foreign application(s) corresponding thereto, and , referred to in this application is/are hereby incorporated by reference in this application.

**NOTE: Where an appropriate time limit under 37 C.F.R. 1.494 or 1.495 has not been met, a petition to revive (37 C.F.R. 1.137(a) or (b) must be filed and granted to restore the application to pending status.**

**CORRESPONDENCE ADDRESS**

**Direct all correspondence to:**

☒ **Customer Number:**

**23117**

*Type Customer Number here*

Telephone: (703) 816-4000  
BHD:bcb

  
**Bryan H. Davidson**

NAME

**30,251**

REGISTRATION NUMBER

**July 6, 2006**

Date



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/565,505	Shahab Shahab	4662138

## DOCKETED

INTERNATIONAL APPLICATION NO.

PCT/NL04/00522

23117  
NIXON & VANDERHYE, PC  
901 NORTH GLEBE ROAD, 11TH FLOOR  
ARLINGTON, VA 22203

CLT/MATTER # 4662-138  
MAILED DATE 5/16/2006  
DUE DATE July 16, 2006  
FINAL DEADLINE Dec. 16, 2006  
DOCKETED BY [Signature]

I.A. FILING DATE

07/21/2004

PRIORITY DATE

07/23/2003

CONFIRMATION NO. 9555

371 FORMALITIES LETTER



\*OC000000018802549\*

Date Mailed: 05/16/2006

### NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 01/23/2006
- Copy of the International Search Report filed on 01/23/2006
- Preliminary Amendments filed on 01/23/2006
- Information Disclosure Statements filed on 01/23/2006
- Request for Immediate Examination filed on 01/23/2006
- U.S. Basic National Fees filed on 01/23/2006
- Priority Documents filed on 01/23/2006

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

LAMONT M HUNTER

Telephone: (703) 308-9140 EXT 201

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/565,505	PCT/NL04/00522	4662138

FORM PCT/DO/EO/905 (371 Formalities Notice)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:

SHAHAB et al

Serial No. 10/565,505

Filed: July 6, 2006

For: DISSOLUTION INHIBITORS IN PHOTORESIST COMPOSITIONS FOR MICROLITHOGRAPHY

Attention: Application Branch

Atty. Dkt. 4662-138

Date: July 6, 2006

**Mail Stop Missing Parts**

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

The attached completes filing of the above-identified patent application:

☐ **Correspondence Address Indication Form Attached.**

☒ Signed Rule 63 Declaration alone, ☐ Copy of Declaration from prior application alone, OR

☐ Signed Declaration plus attached copy of originally filed specification/drawings.

☒ **NOTICE TO FILE MISSING PARTS OF APPLICATION FILING DATE GRANTED** form.

☒ Record the attached assignment to DSM IP Assets B.V., TE Heerlen, Netherlands and return to the undersigned.

☐ Attached is a Power of Attorney.

☐ Priority is hereby claimed under 35 U.S.C. § 119 based on the following foreign applications:

Application Number	Country	Day/Month/Year Filed
--------------------	---------	----------------------

PCT/NL2004/000522

21 July 2004

respectively.

☐ Certified copy(ies) of foreign application(s) is/are attached.

☐ Certified copy(ies) filed on \_\_\_\_\_ in prior application no. \_\_\_\_\_, filed \_\_\_\_\_.

☐ Applicant claims "small entity" status. ☐ "Small entity" statement attached.

☐ Please enter the attached preliminary amendment prior to calculation of filing fee.

☐ Also attached: ☐ **Information Disclosure Statement;** ☐ **Nucleotide and/or Amino Acid Sequence**  
**Submission;** ☐ **Other:**

**Fees due are calculated below:**

Basic filing fee	\$300.00 (1011)/\$150.00 (2011)	\$
------------------	---------------------------------	----

Search Fee	\$500.00 (1111)/\$250.00 (2111)	\$
------------	---------------------------------	----

Examination Fee	\$200.00 (1311)/\$100.00 (2311)	\$
-----------------	---------------------------------	----

Application Size Fee for each add'l 50 sheets that exceeds 100 sheets)

Total pages: 0-100 =	0.00	0	\$0.00(1081)/	\$0.00 (2081)	\$
----------------------	------	---	---------------	---------------	----

Total effective claims	0	- 20 (at least 20) =	0	x \$50.00 = \$0.00 (1202)/\$0.00 (2202)	\$
------------------------	---	----------------------	---	---	----

Independent claims	0	- 3 (at least 3) =	0	x \$200.00 = \$0.00 (1201)/\$0.00 (2201)	\$
--------------------	---	--------------------	---	--	----

If any proper multiple dependent claims now added for first time (ignore improper), add

\$360.00 (1203)/\$180.00 (2203)	\$
---------------------------------	----

Petition is hereby made to extend the current due date so as to cover the filing date of this paper and

attachment(s)

One Month Extension	\$120.00 (1251)/\$60.00 (2251)
---------------------	--------------------------------

Two Month Extensions	\$450.00 (1252)/\$225.00 (2252)
----------------------	---------------------------------

Three Month Extensions	\$1020.00 (1253)/\$510.00 (2253)
------------------------	----------------------------------

Four Month Extensions	\$1590.00 (1254)/\$795.00 (2254)
-----------------------	----------------------------------

Five Month Extensions	\$2160.00 (1255)/\$1080.00 (2255)	\$
-----------------------	-----------------------------------	----

Surcharge if Declaration or filing fee first now submitted:	\$130.00 (1051)/\$65.00 (2051)	\$
---	--------------------------------	----

English translation of specification and claims	\$130.00 (1053)	\$
---	-----------------	----

Assignment Recording Fee	\$40.00 (8021)	\$	40.00
--------------------------	----------------	----	-------

<b>TOTAL FEE DUE</b>	\$	<b>40.00</b>
----------------------	----	--------------

☐ **CREDIT CARD PAYMENT FORM ATTACHED.**

Any future submission requiring an extension of time is hereby stated to include a petition for such time extension. The Commissioner is hereby authorized to charge any deficiency, or credit any overpayment, in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our **Account No. 14-1140**. A duplicate copy of this sheet is attached.

901 North Glebe Road, 11th Floor

Arlington, Virginia 22203-1808

Telephone: (703) 816-4000

Facsimile: (703) 816-4100

BHD:bcf

NIXON & VANDERHYE P.C.

By Atty: Bryan H. Davidson, Reg. No. 30,251

Signature: \_\_\_\_\_

